

Title: Real Time GCMR		Test Case: SWSI-GCMR-001	
Prerequisite: a. Event database shall be void of event through the end of the next RAYDAY  SWSI-SCH-001 and SWSI-SCH-002 must be done		Estimated Run Time: 12 Hours	
Test Requirements: 3.3.2.3, 3.3.2.5, 3.3.3.1, 3.3.3.2, 3.3.4.1, 3.3.4.3, 4.2.1.1 (P), 4.2.3, 4.2.3.1, 4.2.3.1a, 4.2.3.1b, 4.2.3.1c, 4.2.3.1d, 4.2.3.1e, 4.2.3.1f, 4.2.3.2, 4.2.3.2a, 4.2.3.2b, 4.2.3.2c, 4.2.3.3a, 4.2.3.3b, 4.2.3.3c, 4.2.3.4		Written by: Sue Edwards	
Objective: Verify SWSI ability to transmit GCMRs from Active Schedule and from UPD Panel			
Support Requirements: SWSI and ANCCDS			
Requirements Sources:			
Step #	Action/Command	Date/Time	Successful Y/N
	MAF/MAR		
1.	Generate SAR#1 using B1294CS, TDE, MAF/MAR1, 1 hour duration, start time ASAP. The return service to be non-coherent.		
2.	Verify SWSI alerts: a. SAR transmitted to ANCC ____ b. SRM- SAR in queue ____ c. SRM- SAR granted ____ d. USM received ____		
3.	Verify event is added to the "Schedule Request Summary" panel		
4.	Verify event from the "Active Schedule Summary" panel		
5.	Compare SPSR active schedule event service parameters with SWSI schedule event service parameters		
	GCMR Processing from 'Active Schedule' Panel		
6.	Select the event from the 'Active Schedule Summary', press 'Display Service' button		
7.	Select MAF service, press 'Generate GCMR' button from 'Service Display' panel		
8.	Submit User Reacquisition request (98/03), Verify accept from Alert		
9.	Submit Service Reconfiguration (98/04), make a hard copy of current parameters value		
10.	Compare current parameters value between ANCC and SWSI		
11.	Change EVERY parameters value and then submit it  Note: Transmit 9804 as many times as need to ensure each value has been tested.  Note: test errors in each field ((i.e., Data rate: + (plus value), - (minus value) = (equal value), and Forward EIRP: no – minus value nor = equal value))		
12.	Verify receipt of a. Alert ____ b. Disposition ____ c. GCM Status ____		
13.	Compare new values between ANCC and SWSI		

14.	Verify Forward Doppler Comp (98/08) is enable		
15.	Submit Forward Link Sweep (98/05) Verify accept from Alert		
16.	Submit Forward EIRP (98/06) Verify reject (for SA only)		
17.	Toggle Enable/Disable Doppler Comp (98/08) Verify receipt of a. Alert___ b. Disposition (98/02) _____ c. GCM Status (98/01) _____		
18.	Select MAR service, press 'Generate GCMR' button from 'Service Display' panel		
19.	Submit User Reacquisition request (98/03), Verify accept from Alert		
20.	Submit Service Reconfiguration (98/04), make a hard copy of current parameters value, compare current values between ANCC and SWSI		
21.	Change EVERY parameters value and then submit it Note: Transmit 9804 as many times as need to ensure each value has been tested.		
22.	Verify receipt of a. Alert _____ b. Disposition ____ c. GCM Status _____		
23.	Compare new values between ANCC and SWSI		
24.	Submit Expanded User Frequency Uncertainty Request (98/07), verify accept		
	<b>GCMR Processing from 'UPD' Panel</b>		
25.	Repeat same steps to test from UPD Panel		
	<b>SSAF/SSAR</b>		
26.	Generate SAR#2 using B1294MS, TDW, SSAF/SSAR, 1 hour duration, service to be coherent, start time ASAP		
27.	Verify SWSI alerts: a. SAR transmitted to ANCC ____ b. SRM- SAR in queue ____ c. SRM- SAR granted ____ d. USM received _____		
28.	Verify event is added to the "Schedule Request Summary" panel		
29.	Verify event from the "Active Schedule Summary" panel		
30.	Compare SPSR active schedule event service parameters with SWSI schedule event service parameters		
	<b>GCMR Processing from 'Active Schedule' Panel</b>		
31.	Select the event from the 'Active Schedule Summary', press 'Display Service' button		
32.	Select SSAF service, press 'Generate GCMR' button from 'Service Display' panel		
33.	Submit User Reacquisition request (98/03), Verify accept from Alert		
34.	Submit Service Reconfiguration (98/04), make a hard copy of current parameters value		
35.	Compare current parameters value between ANCC and SWSI		

36.	Change EVERY parameters value and then submit it Note: Transmit 9804 as many times as need to ensure each value has been tested.		
37.	Verify receipt of a. Alert ____ b. Disposition ____ c. GCM Status ____		
38.	Compare new values between ANCC and SWSI		
39.	Verify Forward Doppler Comp (98/08) is enable		
40.	Submit Forward Link Sweep (98/05) Verify accept from Alert		
41.	Toggle Forward EIRP (98/06) between Normal/High, Verify accept from Alert		
42.	Toggle Enable/Disable Doppler Comp (98/08) Verify receipt of a. Alert ____ b. Disposition (98/02) ____ c. GCM Status (98/01) ____		
43.	Select SSAR service, press 'Generate GCMR' button from 'Service Display' panel		
44.	Submit User Reacquisition request (98/03), Verify accept from Alert		
45.	Submit Service Reconfiguration (98/04), make a hard copy of current parameters value, compare current values between ANCC and SWSI		
46.	Change EVERY parameters value and then submit it Note: Transmit 9804 as many times as need to ensure each value has been tested.		
47.	Verify receipt of a. Alert ____ b. Disposition ____ c. GCM Status ____		
48.	Compare new values between ANCC and SWSI		
49.	Submit Expanded User Frequency Uncertainty Request (98/07), verify reject (non-coherent only)		
	<b>GCMR Processing from 'UPD' Panel</b>		
50.	Repeat same steps to test from UPD Panel		
	<b>KuSAF/KuSAR</b>		
51.	Generate SAR#3 using B1294MS, TDW, KuSAF/KuSAR, 1 hour duration, service to be non-coherent, start time ASAP		
52.	Verify SWSI alerts: a. SAR transmitted to ANCC ____ b. SRM- SAR in queue ____ c. SRM- SAR granted ____ d. USM received ____		
53.	Verify event is added to the "Schedule Request Summary" panel		
54.	Verify event from the "Active Schedule Summary" panel		
55.	Compare SPSR active schedule event service parameters with SWSI schedule event service parameters		
	<b>GCMR Processing from 'Active Schedule' Panel</b>		
56.	Select the event from the 'Active Schedule Summary', press 'Display Service' button		

57.	Select KuSAF service, press 'Generate GCMR' button from 'Service Display' panel		
58.	Submit User Reacquisition request (98/03), Verify accept from Alert		
59.	Submit Service Reconfiguration (98/04), make a hard copy of current parameters value		
60.	Compare current parameters value between ANCC and SWSI		
61.	Change EVERY parameters value and then submit it Note: Transmit 9804 as many times as need to ensure each value has been tested.		
62.	Verify receipt of a. Alert ____ b. Disposition ____ c. GCM Status ____		
63.	Compare new values between ANCC and SWSI		
64.	Verify Forward Doppler Comp (98/08) is enable		
65.	Submit Forward Link Sweep (98/05) Verify accept from Alert		
66.	Toggle Forward EIRP (98/06) between Normal/High, Verify accept		
67.	Toggle Enable/Disable Doppler Comp (98/08) Verify receipt of a. Alert ____ b. Disposition (98/02) ____ c. GCM Status (98/01) ____		
68.	Select KuSAR service, press 'Generate GCMR' button from 'Service Display' panel		
69.	Submit User Reacquisition request (98/03), Verify accept from Alert		
70.	Submit Service Reconfiguration (98/04), make a hard copy of current parameters value, compare current values between ANCC and SWSI		
71.	Change EVERY parameters value and then submit it Note: Transmit 9804 as many times as need to ensure each value has been tested.		
72.	Verify receipt of a. Alert ____ b. Disposition ____ c. GCM Status ____		
73.	Compare new values between ANCC and SWSI		
74.	Submit Expanded User Frequency Uncertainty Request (98/07), verify accept		
	<b>GCMR Processing from 'UPD' Panel</b>		
75.	Repeat same steps to test from UPD Panel		
	<b>NEW SERVICES</b>		
	<b>SMAF/SMAR</b>		
76.	Generate SAR#4 using B8603CS, TDH, SMAF/SMAR, 1 hour duration, start time ASAP. The return service to be non-coherent.		
77.	Verify SWSI alerts: a. SAR transmitted to ANCC ____ b. SRM- SAR in queue ____ c. SRM- SAR granted ____ d. USM received ____		
78.	Verify event is added to the "Schedule Request Summary" panel		

79.	Verify event from the "Active Schedule Summary" panel		
80.	Compare SPSR active schedule event service parameters with SWSI schedule event service parameters		
	<b>GCMR Processing from 'Active Schedule' Panel</b>		
81.	Select the event from the 'Active Schedule Summary', press 'Display Service' button		
82.	Select SMAF service, press 'Generate GCMR' button from 'Service Display' panel		
83.	Submit User Reacquisition request (98/03), Verify accept from Alert		
84.	Submit Service Reconfiguration (98/04), make a hard copy of current parameters value		
85.	Compare current parameters value between ANCC and SWSI		
86.	Change EVERY parameters value and then submit it Note: Transmit 9804 as many times as need to ensure each value has been tested.		
87.	Verify receipt of a. Alert ____ b. Disposition ____ c. GCM Status ____		
88.	Compare new values between ANCC and SWSI		
89.	Verify Forward Doppler Comp (98/08) is enable		
90.	Submit Forward Link Sweep (98/05) Verify accept from Alert		
91.	Submit Forward EIRP (98/06) Verify reject (for SA only)		
92.	Toggle Enable/Disable Doppler Comp (98/08) Verify receipt of a. Alert____ b. Disposition (98/02) ____ c. GCM Status (98/01) ____		
93.	Select SMAR service, press 'Generate GCMR' button from 'Service Display' panel		
94.	Submit User Reacquisition request (98/03), Verify accept from Alert		
95.	Submit Service Reconfiguration (98/04)', make a hard copy of current parameters value, compare current values between ANCC and SWSI		
96.	Change every parameters value and then submit it		
97.	Verify receipt of a. Alert ____ b. Disposition ____ c. GCM Status ____		
98.	Compare new values between ANCC and SWSI		
99.	Submit Expanded User Frequency Uncertainty Request (98/07), verify accept		
	<b>GCMR Processing from 'UPD' Panel</b>		
100.	Repeat same steps to test from UPD Panel		
	<b>KaSAF/KaSAR</b>		
101.	Generate SAR#5 using B8603MS, TDH, KaSAF/KaSAR, 1 hour duration, service to be coherent, start time ASAP		

102.	Verify SWSI alerts: a. SAR transmitted to ANCC ____ b. SRM- SAR in queue ____ c. SRM- SAR granted ____ d. USM received ____		
103.	Verify event is added to the "Schedule Request Summary" panel		
104.	Verify event from the "Active Schedule Summary" panel		
105.	Compare SPSR active schedule event service parameters with SWSI schedule event service parameters		
	<b>GCMR Processing from 'Active Schedule' Panel</b>		
106.	Select the event from the 'Active Schedule Summary', press 'Display Service' button		
107.	Select KaSAF service, press 'Generate GCMR' button from 'Service Display' panel		
108.	Submit User Reacquisition request (98/03), Verify accept from Alert		
109.	Submit Service Reconfiguration (98/04), make a hard copy of current parameters value		
110.	Compare current parameters value between ANCC and SWSI		
111.	Change EVERY parameters value and then submit it Note: Transmit 9804 as many times as need to ensure each value has been tested.		
112.	Verify receipt of a. Alert ____ b. Disposition ____ c. GCM Status ____		
113.	Compare new values between ANCC and SWSI		
114.	Verify Forward Doppler Comp (98/08) is enable		
115.	Submit Forward Link Sweep (98/05) Verify accept from Alert		
116.	Toggle Forward EIRP (98/06) between Normal/High, verify accept from Alert		
117.	Toggle Enable/Disable Doppler Comp (98/08) Verify receipt of a. Alert ____ b. Disposition (98/02) ____ c. GCM Status (98/01) ____		
118.	Select KaSAR service, press 'Generate GCMR' button from 'Service Display' panel		
119.	Submit User Reacquisition request (98/03), Verify accept from Alert		
120.	Submit Service Reconfiguration (98/04), make a hard copy of current parameters value, compare current values between ANCC and SWSI		
121.	Change EVERY parameters value and then submit it Note: Transmit 9804 as many times as need to ensure each value has been tested.		
122.	Verify receipt of a. Alert ____ b. Disposition ____ c. GCM Status ____		
123.	Compare new values between ANCC and SWSI		
124.	Submit Expanded User Frequency Uncertainty Request (98/07), verify reject (non-coherent only)		

	<b>GCMR Processing from 'UPD' Panel</b>		
125.	Repeat same steps to test from UPD Panel		